

ABSTRACT OF THE DISCLOSURE

Disclosed an image module having a function of an automatic focus adjustment based on a COB system for miniaturization and unification. The image module includes
5 an image packaging unit, which comprises a sensor for sensing a picture image, a substrate including the sensor, a sensor cover for covering the sensor and the substrate at the outside and a sensor filter for blocking an outer environment and passing light between the sensor cover and
10 the sensor only; and a lens blade unit, which comprises a lens blade having a lens to transmit the light at a center and a driving coil on a surface thereof, an elastic means for supplying a current to the driving coil of the lens blade and supporting the lens blade, and a magnet for
15 forming a magnetic field to enable the lens blade to shift up and down due an electromagnetic force, and thereby lowering power consumption and production cost and improving reliability on a product thereof.